

IN THE SPECIFICATION:

At page 25, replace the 4th paragraph with the following:

Fig. 1 shows an electrical machine in axial section. A first disk-shaped body 6 forms a narrow return path disk of uniform thickness. A second disk-shaped body 7 consists of two disks which each consist of a magnetic disk backed with a return path disk. The disk-shaped bodies are securely attached to a shaft 1 journaled in 13 and move uniformly relative to the housing 2 and the coil 3 connected with it. The air-core coils 3 are folded at 20 around an edge [10] 28 of the first disk-shaped body 6, with the coil sides running in the respective air gap section 4', 4'' between the first and the second disk-shaped body up to near the axle. The air-core coils are radially connected with the housing in the bent region 20. A characteristic here is that the periphery of the second disk-shaped body 7 corresponds to the periphery of the air-core coil, so that the conductor 20 in the folded region 18 of the air-core coil is also partially penetrated by the field.

At page 26, replace the first full paragraph with the following:

Fig. 3 shows an electrical machine in axial section. The characteristic of this machine relative to that of Fig. 1 is that the conductor at 20 in the folded region 18 is penetrated by the field to a higher degree than in Fig. 1 due to additional measures. For this purpose, a disk-shaped body 7 is wrapped around the periphery of the air-core coil 3 with a return path ring 5, which is ring-shaped when viewed axially, and the inner surface delimiting the air gap is formed by axially aligned permanent magnetic poles 27. The outer edge [10] 28 of the first disk-shaped body is semicircular in axial section. A coil support 21 is implemented axially and connected through a slot in the second body in a folded region of the coil sides with the peripheral region of the air-core coil 3. This allows a large copper utilization.

IN THE DRAWINGS:

Replace Figures 1, 3, 5, and 27 with new figures as enclosed with this amendment as drawing sheets 1, 2, 4 and 14, changing reference numerals 10 to 28.

Replace sheet 7 with Figures 14 and 15 with the new sheet enclosed.